

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6814422").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/25 18:42
S1	762	(347/9).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/02/24 14:32
S2	3438	(347/9,19,37).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/09 14:25
S4	1996	(347/19).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/09 14:24
S5	901	S2 and (printhead or discharge) and ink and (medium or substrate) and mov\$6	USPAT	OR	OFF	2005/08/09 14:26
S6	755	S5 and (detect\$4 or sens\$4)	USPAT	OR	OFF	2005/08/09 15:30
S7	707	S6 and (drop\$5 or liquid)	USPAT	OR	OFF	2005/08/10 10:32
S8	3438	(347/9,19,37).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/10 10:32
S9	901	S8 and (printhead or discharge) and ink and (medium or substrate) and mov\$6	USPAT	OR	OFF	2005/08/10 10:32
S10	755	S9 and (detect\$4 or sens\$4)	USPAT	OR	OFF	2005/08/10 10:32
S11	707	S10 and (drop\$5 or liquid)	USPAT	OR	OFF	2005/08/10 10:32
S12	692	S11 and control\$5	USPAT	OR	OFF	2005/08/10 15:30
S15	3438	(347/9,19,37).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/10 15:31
S16	901	S15 and (printhead or discharge) and ink and (medium or substrate) and mov\$6	USPAT	OR	OFF	2005/08/10 15:31
S17	755	S16 and (detect\$4 or sens\$4)	USPAT	OR	OFF	2005/08/10 15:31
S18	707	S17 and (drop\$5 or liquid)	USPAT	OR	OFF	2005/08/10 15:31
S19	692	S18 and control\$5	USPAT	OR	OFF	2005/08/10 15:31

## EAST Search History

S20	41	S19 and emitter and light	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/10 15:31
S21	53	S19 and emitter	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/11 15:06
S22	3446	(347/9,19,37).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/11 13:45
S23	901	S22 and (printhead or discharge) and ink and (medium or substrate) and mov\$6	USPAT	OR	OFF	2005/08/11 13:45
S24	755	S23 and (detect\$4 or sens\$4)	USPAT	OR	OFF	2005/08/11 13:45
S25	707	S24 and (drop\$5 or liquid)	USPAT	OR	OFF	2005/08/11 13:45
S26	692	S25 and control\$5	USPAT	OR	OFF	2005/08/11 13:45
S27	227	S26 and emitt\$4 and receive\$4	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/12 14:27
S28	3446	(347/9,19,37).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/15 15:02
S29	901	S28 and (printhead or discharge) and ink and (medium or substrate) and mov\$6	USPAT	OR	OFF	2005/08/12 14:28
S30	755	S29 and (detect\$4 or sens\$4)	USPAT	OR	OFF	2005/08/12 14:28
S31	707	S30 and (drop\$5 or liquid)	USPAT	OR	OFF	2005/08/12 14:28
S32	692	S31 and control\$5	USPAT	OR	OFF	2005/08/12 14:28
S33	227	S32 and emitt\$4 and receive\$4	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/12 14:28
S35	83	S33 and error and display	USPAT	OR	OFF	2005/08/12 14:30
S36	7	S33 and error adj3 display	USPAT	OR	OFF	2005/08/12 14:30
S37	3446	(347/9,19,37).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/16 14:05
S39	91	S37 and (medium adj2 feed\$4)	USPAT	OR	OFF	2005/08/15 16:18
S40	598	S37 and (display or (error adj2 display))	USPAT	OR	OFF	2005/08/15 16:19

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S41	20	S37 and (error adj2 display)	USPAT	OR	OFF	2005/08/16 14:04
S45	1188	(347/19).CCLS.	USPAT; USOCR	OR	OFF	2005/08/16 14:06
S46	267	S45 and calibrat\$5	USPAT	OR	OFF	2005/08/16 14:06
S47	3450	(347/9,19,37).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/16 14:07
S48	902	S47 and (printhead or discharge) and ink and (medium or substrate) and mov\$6	USPAT	OR	OFF	2005/08/16 14:07
S49	756	S48 and (detect\$4 or sens\$4)	USPAT	OR	OFF	2005/08/16 14:07
S50	708	S49 and (drop\$5 or liquid)	USPAT	OR	OFF	2005/08/16 14:07
S51	693	S50 and control\$5	USPAT	OR	OFF	2005/08/16 14:07
S52	227	S51 and emitt\$4 and receive\$4	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2005/08/16 14:07
S54	60	S46 and S52	USPAT	OR	OFF	2005/08/16 15:06
S55	57	S54 and tim\$4	USPAT	OR	OFF	2005/08/16 15:07
S56	41	S54 and (timing or \$4seconds or minutes)	USPAT	OR	OFF	2005/08/16 16:12
S58	2	S47 and (controller near calibrat\$3)	USPAT	OR	OFF	2005/08/16 16:13
S61	1139	347/104.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/08/18 10:17
S62	824	((platen stage) with (printhead)) same (movement mov\$3 motion)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/22 17:59
S63	29	S61 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/08/18 10:18
S65	4803	(347/9,19,37,104).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/01/22 17:58
S66	1551	((platen stage) with (printhead print\$1head (print adj head))) same carriage	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/22 17:59

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S67	180	S65 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/22 17:59
S68	3522092	detect\$3 sens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/22 17:59
S69	160	S67 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/22 18:04
S70	1	("6814422").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/01/22 18:04
S71	2	((("6814422") or ("5216442")).PN.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/02/24 15:09
S72	2172	(347/19).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/02/24 15:15
S73	146325	(detector sensor) with (liquid drop droplet ink fluid)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:52
S74	928	S72 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:19
S75	838662	(carr\$4 displac\$4 transfer\$3 mov\$3) with (paper substrate media medium)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:39
S76	693	S74 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:26
S77	4941	(detector sensor) with ((light ray) with (emitter and receiv\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:27
S78	48	S76 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:27

## EAST Search History

S79	702441	(carr\$4 displac\$4 transfer\$3) with (paper substrate media medium)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:40
S80	41	S74 and S77 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:49
S81	87919	stage with (paper substrate medium media)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 16:14
S82	2370	S73 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:49
S83	65145	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/24 15:50
S84	312890	(detect\$3 sens\$3) with (liquid drop droplet ink fluid)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:52
S85	5707	controller and (mov\$3 with (printhead head print\$1head (print adj head)) with (detect\$3 sens\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 15:52
S86	38	S81 and S83 and S84 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 16:05
S87	4	S77 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 16:05
S88	267353	(platen carrier stage) with (paper substrate medium media)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 16:15
S89	19	S83 and S84 and S85 and S88 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 16:24
S90	55856	(clean\$3 recover\$3 wip\$3) with nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/24 16:25

## EAST Search History

S91	13	S89 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/25 18:42
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